

SEQUENCE LISTING

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<120> ANTIBODY DIVERSITY GENERATION

<130> 0241.310us

<140> US 09/704,469

<141> 2000-11-01

<150> US 60/176,002

<151> 2000-01-12

<150> US 60/163,370

<151> 1999-11-03

<160> 6

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 100

<212> PRT

<213> Mus musculus

<400> 1

Glu	Val	Lys	Leu	Glu	Glu	Ser	Gly	Gly	Gly	Leu	Val	Gln	Pro	Gly	Gly
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Ser	Met	Lys	Leu	Ser	Cys	Val	Ala	Ser	Gly	Phe	Ile	Phe	Ser	Asn	His
			20					25					30		
Trp	Asn	Met	Trp	Val	Arg	Gln	Ser	Pro	Glu	Lys	Gly	Leu	Glu	Trp	Val
		35				40						45			
Ala	Glu	Ile	Arg	Ser	Lys	Ser	Ile	Asn	Ser	Ala	Thr	His	Tyr	Ala	Glu
	50				55					60					
Ser	Val	Lys	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asp	Ser	Lys	Ser	Ala
65				70				75						80	
Val	Tyr	Leu	Gln	Met	Ile	Asp	Leu	Arg	Ile	Glu	Asp	Thr	Gly	Val	Tyr
			85					90						95	
Tyr	Cys	Ser	Arg												
			100												

<210> 2

<211> 100

<212> PRT

<213> Homo sapiens

<400> 2

Gln	Val	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Lys	Lys	Pro	Gly	Ala
1				5				10						15	

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
 20 25 30
 Ala Asn His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45
 Gly Trp Ile Asn Pro Lys Ser Asn Ser Gly Asn Thr Lys Tyr Ser Gln
 50 55 60
 Lys Phe Gln Gly Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr
 65 70 75 80
 Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr
 85 90 95
 Tyr Cys Ala Arg
 100

<210> 3
 <211> 100
 <212> PRT
 <213> Homo sapiens

<400> 3
 Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
 1 5 10 15
 Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Gly Tyr
 20 25 30
 Tyr Asn His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45
 Gly Trp Ile Asn Pro Lys Ser Asn Ser Gly Gly Thr Asn Tyr Ala Gln
 50 55 60
 Lys Phe Gln Gly Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr
 65 70 75 80
 Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr
 85 90 95
 Tyr Cys Ala Arg
 100

<210> 4
 <211> 100
 <212> PRT
 <213> Homo sapiens

<400> 4
 Gln Val Gln Leu Val Gln Ser Gly Ser Glu Leu Lys Lys Pro Gly Ala
 1 5 10 15
 Ser Val Lys Val Ser Arg Lys Ala Ser Gly Tyr Thr Phe Thr Gly Tyr
 20 25 30
 Tyr Asn Asn Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45
 Gly Trp Ile Asn Thr Lys Ser Asn Thr Gly Asn Pro Thr Tyr Ala Gln
 50 55 60
 Gly Phe Thr Gly Arg Phe Val Phe Ser Leu Asp Thr Ser Val Ser Thr
 65 70 75 80
 Ala Tyr Leu Gln Ile Ser Ser Leu Lys Ala Glu Asp Thr Ala Val Tyr
 85 90 95
 Tyr Cys Ala Arg
 100

<210> 5
 <211> 100
 <212> PRT
 <213> Homo sapiens

<400> 5
 Gln Val Lys Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Val
 1 5 10 15
 Ser Val Lys Val Ser Cys Lys Ala Ser Gly Ser Thr Val Thr Asn Tyr
 20 25 30
 Ala Ile His Trp Val Arg Gln Ala Pro Gly Gln Arg Leu Glu Trp Met
 35 40 45
 Gly Trp Ile Asn Ala Lys Ser Gly Asn Gly Asn Thr Lys Tyr Ser Gln
 50 55 60
 Lys Phe Gln Gly Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Asn Thr
 65 70 75 80
 Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr
 85 90 95
 Tyr Cys Ala Arg
 100

<210> 6
 <211> 100
 <212> PRT
 <213> Homo sapiens

<400> 6
 Gln Val Gln Leu Gln Glu Ser Gly Ala Glu Val Arg Lys Pro Gly Ala
 1 5 10 15
 Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Ile Leu Thr Thr Tyr
 20 25 30
 Tyr Asn His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45
 Gly Leu Ile Asn Pro Lys Ser Ser Gly Gly Ser Gly Gly Asn Ile His
 50 55 60
 Lys Phe Gln Gly Arg Leu Thr Met Thr Arg Asp Thr Ser Thr Ser Thr
 65 70 75 80
 Val Tyr Met Glu Met Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr
 85 90 95
 Phe Cys Ala Arg
 100